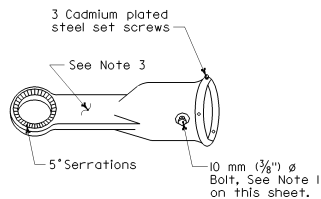


MAST ARM MOUNTING - TYPE "MAT"

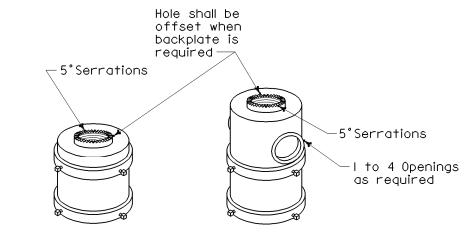
For 2 NPS pipe, See Note 1 on this sheet.



MAST ARM MOUNTING - TYPE "MAS"

For 2 NPS pipe, See Note 1 on this sheet.

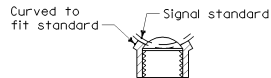
SIGNAL SLIP FITTERS



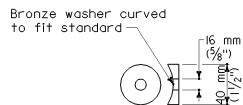
For one-way mounting For multiple mountings

TOP MOUNTINGS

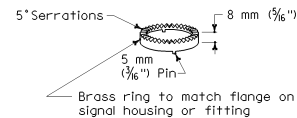
For 4 NPS pipe, See Note 2 on this sheet.



SECTION A-A

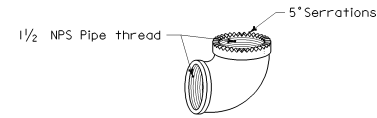


WASHER DETAIL "C"



LOCK RING

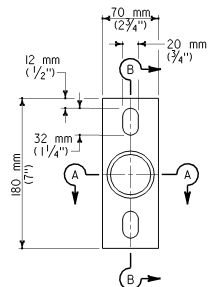
Use where locking ring is not integral with signal housing or fitting



SPECIAL 90° ELBOW

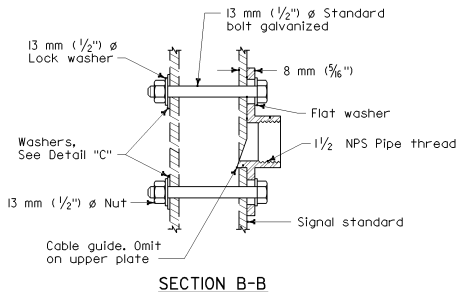
One for each face, except those with special slip fitter mounting

MISCELLANEOUS MOUNTING HARDWARE

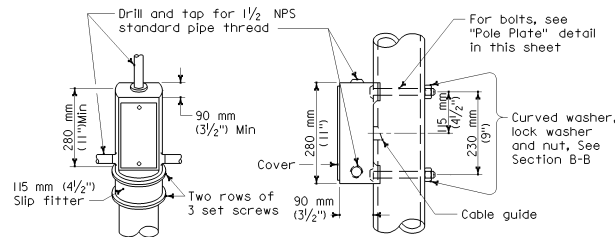


POLE PLATE

For side mountings



SECTION B-B



TOP MOUNTING

SIDE MOUNTING

TERMINAL COMPARTMENTS

NOTES

- After mast arm signal has been plumbed and secured, drill 11 mm (7/16") hole through mast arm tenon in line with slip fitter hole. Place a 10 mm (3/8") Ø galvanized bolt with washer under bolt head through hole and secure with washer, nut, and locknut.
- (a) Seal openings between MAS, MAT or MAS-5 mountings and mast arm.
(b) Threaded top mounted slip fitter openings shall be 1/2 NPS.
(c) Top opening shall be offset when backplate is used.
- Wireway shall have a cross section area of 600 mm² (0.93 square inch) minimum. Minimum width of 13 mm (1/2").

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS SIGNAL HEADS AND MOUNTINGS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-4D

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
Theresa Gabriel REGISTERED PROFESSIONAL ENGINEER July 1, 2002 PLANS APPROVAL DATE The State of California or its officers or agents shall not be responsible for the accuracy or completeness or electronic copies of this plan sheet. Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov					
STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION Theresa A. Gabriel No. E15124 Exp. 6-30-04 ELECTRICAL					